5/21/35

PART 15 - RULES GOVERNING RESTRICTED RADIATION DEVICES

§ 15.1 General. Pending the acquiring of more complete information regarding the character and effects of the radiation involved, the following provisions shall govern the operation of the low power radio frequency electrical devices hereinafter described.

§ 15.2 Apparatus excepted from requirements of other rules. With respect to any apparatus which generates a radio frequency electromagnetic field functionally utilizing a small part of such field in the operation of associated apparatus not physically connected thereto and at a distance not greater than

$$\frac{157{,}000}{F_o\ (kc.)}\ \text{ft.} \qquad \left[\frac{\lambda}{2\pi}\right]$$

the existing rules and regulations of the Commission shall not be applicable, provided:

(a) That such apparatus shall be operated with the minimum power possible to accomplish the desired purpose.

(b) That the best engineering principles shall be utilized in the generation of radio frequency currents so as to guard against interference to established radio services, particularly on the fundamental and harmonic frequencies.

(c) That in any event the total electromagnetic field produced at any point a distance of

$$\frac{157{,}000}{F_o\ (kc.)}\ \text{ft.} \qquad \left[\frac{\lambda}{2\pi}\right]$$

from the apparatus shall not exceed 16 microvolts per meter.

(d) That the apparatus shall conform to such engineering standards as may from time to time be promulgated by the Commission.

§ 15.3 Exceptions; interference to radio reception. The provisions of Sections 15.1 and 15.2 shall not be construed to apply to any apparatus which causes interference to radio reception.

§ 15.4 Inspection and test; certificates. Upon request, the Commission will inspect and test any apparatus described in Sections 15.1 and 15.2 and on the basis of such inspection and test, formulate and publish findings as to whether such apparatus does or does not comply with the above conditions, and issue a certificate specifying conditions of operation to the party making such request.